Ananya Poddar

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EDUCATION

University of Toronto   **Sept 2019 - Apr 2024 (Expected)**
HBSc Candidate - Computer Science Specialist and Statistics Minor (Co-op)

- **cGPA:** 3.95/4.0
- **Awards:** Dean's List (2019 - 2022), University of Toronto Scholar, Ken Sevcik Bursary in Computer Science
- **Teaching Assistant:** Introduction to Programming, Discrete Mathematics, Calculus I for Mathematical Sciences

TECHNICAL SKILLS

Languages and Databases: Java, Python, C, Javascript (ES6), Golang, SQL, MongoDB
Tools and Frameworks: React, Node.js, Flask, Spring Boot, Git, Unix, Docker, Kubernetes, Ansible, Figma

EXPERIENCE

Software Engineer Intern | Splunk Inc.   **Sept 2022 - Dec 2022**

- Strengthened resiliency of data ingestion into Splunk for 20 000+ customers by integrating circuit-breaker and retry resiliency patterns in Java
- Optimized code for asynchronous calls in multi-threaded system and integrated resiliency metrics for on-call alerts

Software Developer Intern | Manulife/John Hancock   **Sept 2021 - Apr 2022**

- Designed auditing web application using React and Golang to track GitHub contributions, saving 100+ hours of manual queries annually
- Accelerated development of open-source Node.js tool to enforce API design conventions with Swagger and OpenAPI
- Architected and implemented microservices using Spring MVC to create new standard for 1000+ engineers
- Spearheaded integration of OWASP ZAP dynamic security testing into existing CI/CD pipelines through GitHub Actions, estimated to save $300,000+ of manual testing annually

Software Engineer Intern | Index Exchange   **Jan 2021 - Apr 2021**

- Integrated and deployed dashboard to automate management of 100+ weekly deployments across 6000+ servers
- Implemented shell scripts and Gitlab CI/CD pipelines to automate deployment process for 250+ engineers
- Containerized and scaled 10+ applications using Docker and Kubernetes to meet increased payload requirements

Software Developer | Giants Network Inc.   **Aug 2020 - Present**

- Designing and developing web portal using MERN stack to connect 40+ organizations with 300+ youth leaders
- Interfacing with clients and stakeholders to gather requirements for new platform, resulting in 200% increase in users

Teaching Assistant | University of Toronto   **Sept 2021 – December 2022**

- Taught computer science concepts and programming basics in Python to 60+ students through tutorials & labs
- Created lesson plans to promote deep understanding of graph theory and proof concepts

PROJECTS

Panorama 🔗 | Digital Collaboration Tool   *WebRTC, OAuth2, Web Workers, GCP, MERN*

- Created collaboration tool for real-time whiteboarding sessions and video calls by leveraging WebRTC and socket.io
- Utilized OAuth 2.0 for seamless Linkedin integration and web workers for improved UX when sending emails

Amorr 🔗 | Services Marketplace   *Azure SQL, Flask, ReactJS*

- Created web marketplace for service providers, using RBAC principles and following Agile workflows in a group of 7
- Worked directly with product owner and external stakeholders via bi-weekly demos to integrate feedback iteratively